

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

Haemoglobin mouse monoclonal antibody

Code no.	BM302-F1B4
Grade	Affinity Purified
Lot no.	

RECEIVER INFORMATION

Expiry Date	
Storage Temperature	2-8°C (up to 1 month) below -15°C (long term)
Storage Notes	Avoid repeat freeze thaw cycles
Shipping Temperature	2-8°C.

PRODUCT INFORMATION

Reacts with	Human Haemoglobin, including BBI Solutions code no. PS186-0
Specificity	Antibody specifically detects Haemoglobin.
Immunogen	Purified human haemoglobin from immunised hybrid myeloma/spleen cells.
BBI Solutions clone no.	F1B4
Application	Western Blot and ELISA. Recommended as a capture antibody using either BM300-F7C2 or BM300-H2B1 as the detection monoclonal for HbA1c assays.
Isotype	IgG1
Host	Mouse
Purification	Protein G
Presentation	Single homogenous batch, supplied liquid in a Phosphate Buffered Saline buffer, pH 7.4, containing 2.68mM KCl, 1.47mM KH ₂ PO ₄ , 10.14mM Na ₂ HPO ₄ , 0.137M NaCl and 0.09% NaN ₃ ,

HEALTH AND SAFETY

Application	For in-vitro use and research or further processing only.
Precaution	Potentially hazardous, refer to safety data sheet for general precautions. Refer to Material safety data sheet for specific information.

ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
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Determination method:

Protein Concentration by
Optical Density at 280nm using
 $E_{1\%,1\text{cm}} = 1.4$

≥ 0.5 mg/ml

mg/ml

Purity

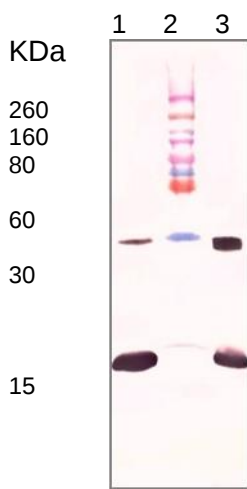
Defined as a major band on coomassie stained SDS-PAGE.

Western blot An example of testing BM302-F1B4 by western blot against Human Haemoglobin. (BBI Solutions P186-0)

Fig 1. Western blot of P186-0, using BM302-F1B4.

Antibody dilutions = 1:20,000

Lane 1 Reduced Haemoglobin (P186-0)
Lane 2 Standard LC5800
Lane 3 Non-Reduced Haemoglobin (P186-0)



Name:		Position:	
Signed:		Date:	